Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 23 Apr 2023 until 23:59 on Monday 24 Apr 2023

Forecast Issued on Sunday 23 Apr 2023 at 03:37

Confidence: Only moderate for the details of Sundays cloud and showers. Higher for colder trend.

Headline for Sunday 23 Apr 2023: Largely cloudy but some late brightness. Occasional showers.

Mountain weather hazards on Sunday 23 Apr 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Cloudy	Heavy rain showers	Light rain showers	Partly cloudy (night)
Precipitation probability					
30%	40%	20%	60%	60%	20%

Forecast for Sunday 23 Apr 2023

Weather: A cloudy start with outbreaks of light rain likely at times. Through the late morning and into the afternoon cloud beginning to lift and break to give some brightness but scattered showers developing, some of which will likely be heavy. Turning drier into the evening but cloud thickening once again overnight.

Chance of cloud-free hill tops above 600m: 30% chance at first, improving to a 90% chance in the afternoon

Low cloud and visibility: Widespread cloud at first, with bases down locally to 200-300m. Cloud increasingly lifting and breaking into the afternoon with eventually scattered bases above around 700-800m. Locally poor visibility at first, improving to become good or very good, with distant hills generally visible outside of any summit cloud, though temporarily reducing to moderate or poor in showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 23 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/14 NE	13/17 NE	14/18 NE	14/18 N	11/16 N	14/20 N	14/21 NE
300	9/14 NE	10/15 NE	11/16 NE	11/16 NE	8/13 N	10/15 N	7/12 NE
Valley	9/17 NE	9/16 NE	9/17 NE	7/15 NE	7/14 N	7/16 N	6/16 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/0	4/-0	5/1	5/1	5/2	3/-1	1/-4
300	6/3	6/3	8/5	8/5	8/6	6/3	4/1
Valley	7/4	8/6	9/7	10/8	9/7	7/5	5/2
Freezing Level*	1300m	1300m	1300m	1300m	1200m	1100m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Conditions will change quickly at the tops through the day with care needed. Adequate layers and waterproofs advised despite any afternoon brightness, with the potential for increasing wind chill by evening and the risk of heavy showers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 23 Apr 2023	1.4mm	5.4mm	6.4mm

Forecast for Monday 24 Apr 2023

Weather: Generally dry with some brightness during the morning but turning showery into the afternoon, wintry over the tops. Feeling cooler with a fresh northerly breeze.

Maximum wind: Northerly 15mph gusting 25mph.

Chance of cloud-free hill tops above 600m: 80%.

Low cloud and visibility: Patchy cloud at first, with bases possibly locally down to 400m. As with Sunday cloud increasingly lifting and breaking into the afternoon above around 800m. Some poor visibility at first, improving to become good or very good, with distant hills generally visible outside of any summit cloud, though temporarily reducing to moderate or poor in any showers.

Temperature: **Valleys:** Plus 2 Celsius, becoming plus 6 Celsius.
At 600m: Plus 1 Celsius, becoming 3 Celsius.
Freezing level: Above the peaks.

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